Han Hao

Add: 150 E 10th st., Claremont, CA, 91711

Phone: (619)576-7696 E-mail: han.hao@cgu.edu

EDUCATIONAL BACKGROUND

Ph. D. in Applied Cognitive Psychology, Expected Graduation in 2021

Department of Psychology, Claremont Graduate University, Claremont, CA

M. A. in Positive Organizational Psychology and Evaluation, 2017

Department of Psychology, Claremont Graduate University, Claremont, CA

B.Sc. in Psychology, 2013

Department of Psychology and Behavioral Science, Zhejiang University, Hangzhou, China

RESEARCH EXPERIENCE

Research Assistant at the CALIBER Research Lab, Claremont Graduate University, 06/2017 – Present

Advisor: Dr. Andrew Conway

M. A. Researcher in Positive Organizational Psychology Program, 09/2015 – 05/2017

Advisor: Dr. Becky Reichard

Project 1. Organizational Evaluation and Case Study of Claremont Colleges Library

Project 2. "IT works", A Business Challenge Project of Positive Organizational Psychology

Student Research Training Program, Zhejiang University, China, 10/2012 - 05/2013

Advisor: Dr. Qiong Zhang

Project: Preschoolers' Comprehension of Laughter Sounds as Social Signals

Student Research Training Program, Zhejiang University, China, 07/2011 - 05/2012

Advisor: Dr. Qiong Zhang

Project: Children's Oral and Gesticulating Expression towards Causal Chain Events

TEACHING EXPERIENCE

Teaching Assistant, Claremont Graduate University

PSYCH 315 E Multilevel Modeling, 2020.................... Instructor: Dr. Seong-Hyeon Kim

PSYCH 315 F Factor Analysis, 2019………................... Instructor: Dr. Andrew Conway

PSYCH 315 H Structural Equation Modeling, 2019…..... Instructor: Dr. Andrew Conway

PSYCH 315 F Factor Analysis, 2017………................... Instructor: Dr. Andrew Conway

PSYCH 315 H Structural Equation Modeling, 2017 …..... Instructor: Dr. Andrew Conway

PSYCH 308 A Intermediate Statistics, 2016…………..….. Instructor: Dr. Kathy Pezdek

PSYCH 308 B ANOVA, 2016…..................................... Instructor: Dr. Andrew Conway

PSYCH 308 C Applied Regression, 2016…..................... Instructor: Dr. Andrew Conway

PSYCH 308 D Categorical Data Analysis, 2016…........... Instructor: Dr. Andrew Conway

WORK EXPERIENCE

Research and Statistics Consultant, The Findings Group, 2019 - Present

    Supervisor: Tom McKlin

     ➢ Data analysis and visualization for program evaluation and research projects.

Data Analyzing Intern, The Real-Time Eating Activity and Children's Health Lab, University of Southern California, 2016

    Supervisor: Lissette Ramirez, Karen Ra

     ➢ Data cleaning on longitudinal data of accelerate meter records and cortisol level in saliva.

     ➢ Survey Data Entry and Cleaning.

PUBLICATIONS/MANUSCRIPTS

Hao, H., & Conway, A. R. (2020). *The Impact of Auditory Distraction on Reading Comprehension: An Individual Differences Investigation.* Manuscript under review.

Navarro, E., Rosales, K., **Hao, H.**, & Conway, A. R. (2020). *An Examination of Domain-Specificity Differences in Complex Span Tasks through Item Response Theory.* Unpublished manuscript.

Wanzer, D. L., **Hao, H.**, McKlin, T. (2020). *Response or recall bias? Choosing between the traditional and retrospective pretest using measurement invariance techniques.* Manuscript in preparation.

Conway, A. R., & **Hao, H.** (2020). The Role of Non-Cognitive Factors in the SAT Remains Unclear: A Commentary on Hannon (2019). *Journal of Intelligence*, *8*(2), 15.

Conway, A. R., Kovacs, K., **Hao, H.**, & Snijder, J. (2019). *General Intelligence Explained (Away).* Unpublished manuscript.

CONFERENCE PRESENTATION

Hao, H., Navarro, E., Rosales, K., & Conway, A. R. A. (2020 November). *Measurement of Working Memory Capacity: An Item Response Theory Examination of Complex Span Tasks.* Poster session of Psychonomic Society Annual Meeting, Austin, TX.

Hao, H. & Conway, A. R. A. (2019, November). *The Impact of Auditory Distraction on Reading*

Comprehension: An Individual Differences Investigation. Poster session presented at the Psychonomic Society Annual Meeting, Montreal, Canada.

Kovacs, K., Conway, A. R. A., Snijder, J., & **Hao, H.** (2018, November). *General Intelligence Explained (Away)*. Poster session presented at Psychonomic Society Annual Meeting, New Orleans, LA.

PROJECTS IN PROGRESS

Hao, H., Navarro, E., Rosales, K., & Conway, A.R. *Domain Specificity Varies across Different Complex Span Tasks: A Multidimensional Item Response Model of Complex Span Tasks.* Manuscript Writing.

Hao, H., Rosales, K., Navarro, E., & Conway, A.R. *What are Complex Span Tasks Measuring? A Network Analysis of Fluid Reasoning, Working Memory, and Short-term Memory.* Planning.

Hao, H., & Conway, A.R. *How and Why Could "General Intelligence" not General: A Two-tier Item Response Latent Network of Intelligence*. Planning.

The Finding Groups. *Scale Validation for Computer Science Teacher Identity (TBD)*. Data Analyzing.

AWARDS & SCHOLARSHIPS

CGU Fellowships (2016, 2017, & 2018) in Division of Behavioral & Organizational Sciences

Outstanding Research Awards of the 15th (2012) & 14th (2011) Student Research Training Program

PROFESSIONAL SKILLS

Statistical Skills:

General/Generalized regression Modeling, Multilevel Modeling, Exploratory and Confirmatory Factor Analysis, Structural Equation Modeling, Item Response Theory, Network Analysis, Data Simulation.

Software Skills:

R, SPSS, AMOS, Mplus, C, Python, Markdown, HTML.